

proved under this section on an individual project basis.

(7) **REGIONAL ALLOCATIONS.**—The amounts made available to carry out this section shall be made available in equal amounts for use by the Regional offices for Regions 6 and 9 of the Environmental Protection Agency.

(c) **ROLE OF THE COMMISSIONER AND INTERNATIONAL AGREEMENTS.**—

(1) **WASTEWATER AND STORMWATER AUTHORITY.**—The Commissioner may study, design, construct, operate, and maintain projects to manage, improve, and protect the quality of wastewater, stormwater runoff, and other untreated flows in the Tijuana River watershed and the New River watershed.

(2) **TIJUANA AND NEW RIVER PROJECTS WITHIN THE UNITED STATES.**—The Secretary, acting through the Commissioner, shall—

(A) construct, operate, and maintain projects that—

(i) are on a priority list developed by the Environmental Protection Agency for projects in the Tijuana River watershed or New River watershed;

(ii) are within the United States; and

(iii) improve the water quality of the Tijuana River watershed or the New River watershed, as applicable; and

(B) use available funds, including funds received under this section, to construct, operate, and maintain the projects described in subparagraph (A).

(3) **AGREEMENTS WITH MEXICO.**—The Secretary, acting through the Commissioner, may execute an agreement with the appropriate official or officials of the Government of Mexico for—

(A) the joint study and design of stormwater control and water quality projects; and

(B) on approval of the necessary plans and specifications of the projects described in subparagraph (A), the construction, operation, and maintenance of those projects by the United States and Mexico, in accordance with the treaty relating to the utilization of the waters of the Colorado and Tijuana Rivers, and of the Rio Grande (Rio Bravo) from Fort Quitman, Texas, to the Gulf of Mexico, and supplementary protocol, signed at Washington February 3, 1944 (59 Stat. 1219), between the United States and Mexico.

(4) **FUNDING.**—A project located wholly or partially within Mexico shall be eligible for funding under the program if the project is—

(A) identified under and consistent with the results of the study under paragraph (3)(A); and

(B) approved pursuant to paragraph (3)(B).

(5) **SAVINGS PROVISION.**—Nothing in this subsection limits the authority of the International Boundary and Water Commission under this section or any other provision of law.

SA 1806. Mrs. FEINSTEIN submitted an amendment intended to be proposed by her to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . INTERNATIONAL ETHICAL STANDARDS IN GENOME EDITING RESEARCH.

(a) **SENSE OF CONGRESS.**—It is the sense of Congress that the Secretary of State, in con-

sultation with relevant Federal agencies, should work with other nations and international organizations, including the United Nations and the World Health Organization, to carefully evaluate the distinct medical, ethical, and societal issues raised by the prospect of heritable human genome editing through democratic public discussion, with the goal of forging international consensus, while supporting the medical potential of somatic genome editing.

(b) **GAO REPORT.**—Not later than 1 year after the date of the enactment of this Act, the Comptroller General of the United States shall submit to Congress, and post on a publicly accessible website of the Government Accountability Office, a report containing recommendations for—

(1) achieving widespread societal engagement on heritable human genome editing; and

(2) addressing current gaps in national and international systems for governing activities related to such issue.

SA 1807. Mr. SCHATZ submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

Strike subsection (a) of section 2104 and insert the following:

(a) **UNIVERSITY TECHNOLOGY CENTER PROGRAM.**—

(1) **IN GENERAL.**—From amounts made available to the Directorate, the Director shall establish a program in the Directorate to make awards, through a competitive selection process, to eligible entities to establish university technology centers.

(2) **PURPOSE.**—The purpose of the university technology centers shall be to—

(A) conduct multi-disciplinary, collaborative basic and applied research, relevant to at least one of the key technology focus areas;

(B) leverage the expertise of multi-disciplinary and multi-sector partners, including partners from private industry;

(C) further the development, deployment, and commercialization of innovations, including inventions, in the key technology focus areas, including those derived from the activities of the university technology center;

(D) support the development of scientific, innovation, entrepreneurial, and educational capacity within the region of the university technology center; and

(E) support graduate students and postdoctoral researchers with training and professional mentoring towards their future employment in STEM fields.

(3) **USE OF FUNDS.**—University technology centers established under this subsection may use support provided—

(A) to carry out research to advance innovation in the key technology focus areas;

(B) for technology development activities such as proof-of-concept development, prototyping, design modification, experimental development, and other actions to reduce the cost, time, and risk of commercializing new technologies;

(C) for the costs of equipment and cyber infrastructure;

(D) for the costs associated with technology transfer and commercialization, including patenting and licensing;

(E) for operations and staff; or

(F) for trainee development pilot programs, as described in paragraph (8).

(4) **SELECTION PROCESS.**—In selecting recipients under this subsection, the Director shall consider, in addition to the scientific and technical merit of the proposal—

(A) maximizing regional and geographic diversity of the university technology centers, including by considering rural-serving institutions of higher education (as defined in section 861(b) of the Higher Education Act of 1965 (20 U.S.C. 1161a(b));

(B) the extent to which the applicant's proposal would broaden participation by populations underrepresented in STEM;

(C) the capacity of the applicant to engage industry, labor, and other appropriate organizations and, where applicable, contribute to growth in domestic manufacturing capacity and job creation;

(D) in the case of a consortium, the extent to which the proposal includes institutions listed in paragraph (7)(C)(ii);

(E) the amount of funds from industry organizations described in paragraph (5)(A)(ii) the applicant would use towards establishing the university technology center;

(F) the plan and capability of the applicant to take measures to prevent the inappropriate use of the research and technology of the center, including research results, data, and intellectual property, as appropriate and consistent with the requirements of the relevant award; and

(G) the plan and capability of the applicant to support proof-of-concept development and prototyping as well as technology transfer and commercialization activities.

(5) **REQUIREMENTS.**—

(A) **IN GENERAL.**—The Director shall ensure that any eligible entity receiving an award under this subsection has—

(i) the capacity or the ability to acquire the capacity to advance the purposes described in section 2102(b); and

(ii) secured contributions for establishing the university technology center under this subsection from industry or other non-Federal organizations in an amount not less than 10 percent of the total amount of the award the eligible entity would receive under this subsection.

(B) **CONSORTIUM ELIGIBILITY.**—To be eligible to receive an award for the establishment and operation of a university technology center, a consortium shall be composed of not fewer than 2 entities as described in paragraph (7)(C) and operate subject to a binding agreement, entered into by each member of the consortium, that documents—

(i) the proposed partnership agreement, including the governance and management structure of the university technology center;

(ii) measures the consortium will undertake to enable cost-effective implementation of activities under paragraph (3);

(iii) a proposed budget, including financial contributions from non-Federal sources; and

(iv) the plan for ownership and use of any intellectual property developed by the center.

(6) **SUPPORT OF REGIONAL TECHNOLOGY HUBS.**—Each university technology center established under this subsection may support and participate in, as appropriate, the activities of any regional technology hub designated under section 28 of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3701 et seq.), as amended by section 2401 of this Act.

(7) **ELIGIBLE ENTITY.**—In this subsection, the term “eligible entity” means—

(A) an individual institution of higher education;

- (B) a nonprofit entity; or
- (C) a consortium that—

(i) shall include and be led by an institution of higher education or by a nonprofit entity, designed to support technology development;

(ii) shall include 1 or more institution that is—

(I) a historically Black college or university;

(II) a Tribal College or University;

(III) a minority-serving institution (or an institution of higher education with an established STEM capacity building program focused on traditionally underrepresented populations in STEM, including Native Hawaiians, Alaska Natives, and other Indians);

(IV) an institution that participates in the Established Program to Stimulate Competitive Research under section 113 of the National Science Foundation Authorization Act of 1988 (42 U.S.C. 1862g);

(V) an emerging research institution; or

(VI) a community college; and

(iii) may include 1 or more—

(I) additional entities described in subparagraph (A) or (B);

(II) industry entities, including startups, small businesses, and public private partnerships;

(III) economic development organizations or venture development organizations, as such terms are defined in section 28(a) of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 13701 et seq.), as amended by section 2401 of this Act;

(IV) National Laboratories;

(V) Federal laboratories, as defined in section 4 of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3703);

(VI) Federal research facilities;

(VII) labor organizations;

(VIII) entities described in subparagraph (A) or (B) from allied or partner countries;

(IX) other entities if determined by the Director to be vital to the success of the program; and

(X) binational research and development foundations and funds, excluding foreign entities of concern, as defined in section 2307.

(8) TRAINEE DEVELOPMENT PILOT PROGRAM.—

(A) ESTABLISHMENT OF PILOT PROGRAM.—At not more than 3 university technology centers that are consortia under paragraph (7)(C), the Director may include support for trainee development under the leadership of a member of the consortium that is an institution described under paragraph (7)(C)(ii). Such programs shall be selected to ensure geographical diversity and service to populations underrepresented in STEM fields, and shall perform the following activities:

(i) Training and technical assistance for graduate students and postdoctoral researchers on—

(I) researching and assessing available grant and fellowship opportunities;

(II) preparing and submitting grants and fellowship applications that leverage their research and experience; and

(III) administering grant funding, and leveraging grants and fellowships into longer term employment opportunities.

(ii) Establishing professional mentoring networks that include Federal, State, local, and Tribal government agencies and the private sector, as well as members of the regional technology hubs established under section 28(b)(1)(A) of the Stevenson-Wydler Technology Innovation Act of 1980 (Public Law 96-480; 15 U.S.C. 3701 et seq.).

(iii) Other support determined to be necessary or advisable by the Director to achieve the purposes of this title.

(B) ASSESSMENT.—Not later than 5 years after the date of enactment of this Act, the Foundation shall assess the impacts of the trainee development programs established under this paragraph and report its findings to Congress. Such assessment shall include perspectives from participating graduate students and postdoctoral researchers.

SA 1808. Mr. MANCHIN (for himself and Mr. BARRASSO) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title III of division F, insert the following:

SECTION 63. PROPERTY INTERESTS RELATING TO CERTAIN PROJECTS AND PROTECTION OF INFORMATION RELATING TO CERTAIN AGREEMENTS.

(a) PROPERTY INTERESTS RELATING TO FEDERALLY FUNDED ADVANCED NUCLEAR REACTOR PROJECTS.—

(1) DEFINITIONS.—In this section:

(A) ADVANCED NUCLEAR REACTOR.—The term “advanced nuclear reactor” has the meaning given the term in section 951(b) of the Energy Policy Act of 2005 (42 U.S.C. 16271(b)).

(B) DEPARTMENT.—The term “Department” means the Department of Energy.

(C) PROPERTY INTEREST.—

(i) IN GENERAL.—Except as provided in clause (ii), the term “property interest” means any interest in real property or personal property (as those terms are defined in section 200.1 of title 2, Code of Federal Regulations (as in effect on the date of enactment of this Act)).

(ii) EXCLUSION.—The term “property interest” does not include any interest in intellectual property developed using funding provided under a project described in paragraph (3).

(D) SECRETARY.—The term “Secretary” means the Secretary of Energy.

(2) ASSIGNMENT OF PROPERTY INTERESTS.—The Secretary may assign to any entity, including the United States, fee title or any other property interest acquired by the Secretary under an agreement entered into with respect to a project described in paragraph (3).

(3) PROJECT DESCRIBED.—A project referred to in paragraph (2) is—

(A) a project for which funding is provided pursuant to the funding opportunity announcement of the Department numbered DE-FOA-0002271, including any project for which funding has been provided pursuant to that announcement as of the date of enactment of this Act;

(B) any other project for which funding is provided using amounts made available for the Advanced Reactor Demonstration Program of the Department under the heading “NUCLEAR ENERGY” under the heading “ENERGY PROGRAMS” in title III of division C of the Further Consolidated Appropriations Act, 2020 (Public Law 116-94; 133 Stat. 2670);

(C) any other project for which Federal funding is provided under the Advanced Reactor Demonstration Program of the Department; or

(D) a project—

(i) relating to advanced nuclear reactors; and

(ii) for which Federal funding is provided under a program that is similar to, or a successor of, the Advanced Reactor Demonstration Program of the Department.

(4) RETROACTIVE VESTING.—The vesting of fee title or any other property interest assigned under paragraph (2) shall be retroactive to the date on which the applicable project first received Federal funding as described in any of subparagraphs (A) through (D) of paragraph (3).

(b) CONSIDERATIONS IN COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS.—

(1) IN GENERAL.—Section 12(c)(7)(B) of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3710a(c)(7)(B)) is amended—

(A) by inserting “(i)” after “(B)”;

(B) in clause (i), as so designated, by striking “The director” and inserting “Subject to clause (ii), the director”; and

(C) by adding at the end the following:

“(II) The agency may authorize the director to provide appropriate protections against dissemination described in clause (i) for a total period of not more than 30 years if the agency determines that the nature of the information protected against dissemination, including nuclear technology, could reasonably require an extended period of that protection to reach commercialization.”.

(2) APPLICABILITY.—

(A) DEFINITION.—In this subsection, the term “cooperative research and development agreement” has the meaning given the term in section 12(d) of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3710a(d)).

(B) RETROACTIVE EFFECT.—Clause (ii) of section 12(c)(7)(B) of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3710a(c)(7)(B)), as added by subsection (a) of this section, shall apply with respect to any cooperative research and development agreement that is in effect as of the day before the date of enactment of this Act.

(c) DEPARTMENT OF ENERGY CONTRACTS.—Section 646(g)(5) of the Department of Energy Organization Act (42 U.S.C. 7256(g)(5)) is amended—

(1) by striking “(5) The Secretary” and inserting the following:

“(5) PROTECTION FROM DISCLOSURE.—

“(A) IN GENERAL.—The Secretary”; and

(2) in subparagraph (A) (as so designated)—

(A) by striking “, for up to 5 years after the date on which the information is developed.”; and

(B) by striking “agency.” and inserting the following: “agency—

“(i) for up to 5 years after the date on which the information is developed; or

“(ii) for up to 30 years after the date on which the information is developed, if the Secretary determines that the nature of the technology under the transaction, including nuclear technology, could reasonably require an extended period of protection from disclosure to reach commercialization.

“(B) EXTENSION DURING TERM.—The Secretary may extend the period of protection from disclosure during the term of any transaction described in subparagraph (A) in accordance with that subparagraph.”.

SA 1809. Mr. MANCHIN (for himself and Mr. BARRASSO) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a